BRUHATH BANGALORE MAHANAGARA PALIKE

Yelahanka Project Division

Comparitive Statement

Name of Work: Providing and Installation of Decorative Tusker Street Light Poles and Lights from Tirumala Daba to M S Palya Circle in Ward No.03

Estimate Amount:- Rs. 2,50,00,000.00/-

Name of Contractor:- Sri. MADHUSUDAN A N (SURAKSHA ELECTRICALS)

Approved amount:- 2,29,47,284.51

Tender premium:- 3.50% above

Sl. No.	Description of Work	Unit	Qty as per Schedule B			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total		Difference		Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings	
1	2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19	20
1	Removing and resetting of footpath Slab (Approved arrival Rate)	Sqm	315.00	267.55	84277.03	0.00	0.00	267.55	0.00	0.00	267.55	0.00	0.00	0.00	0.00	84277.03	
2	Removing and resetting of Kerb Stone (Approved arrival Rate)	m	1092.00	134.34	146704.55	0.00	0.00	134.34	0.00	0.00	134.34	0.00	0.00	0.00	0.00	146704.55	
3	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such similar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenances required to complete the work. Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 14 m3)	Cum	303.79	296.01	89923.71	80.93	80.93	296.01	23954.30	0.00	296.01	0.00	80.93	23954.30	0.00	65969.41	
4	Cost of Haulage Excluding Loading and Unloading Taking output 25 t load and lead 10 km = 250 t.km 5 hrs &m= 8km = 5*8 = 40	t.km	388.85	45.54	17709.77	103.58	103.58	45.54	4717.63	0.00	45.54	0.00	103.58	4717.63	0.00		
5	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates (V-I Page No.15, Item No.2.1.4 of PWD SR 2021-22)	Cum	84.00	6746.70	566722.54	0.00	0.00	6746.70	0.00	0.00	6746.70	0.00	0.00	0.00	0.00		

	for leveling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates (V-1, P.No-15, I.No-2.1.3 of PWD SR 2021-22)													
6		Cum	6.47	6548.60	42369.44	8.09	8.09	6548.60	52994.55	0.00	6548.60	0.00	8.09	52994.55	10625.10
7	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm nominal size graded [illegible] coarse aggregates (V-1,P.No.17, I.No.2.4.2 of [illegible]021-22)	Cum	48.55	7478.52	363081.92	53.22	53.22	7478.52	398034.63	0.00	7478.52	0.00	53.22	398034.63	34952.71
	[illegible]Placing un-coated TMT bar [illegible]structure complete as per [illegible]cal Specifications.(V-III, I.No [illegible]WD SR 2021-22)	Tonne	2.28	117639.09	268217.13	2.27	2.27	117639.09	267553.18	0.00	117639.09	0.00	2.27	267553.18	0.00	66
	[illegible]king Pre cast covering Slab 100mm [illegible]n of CC, jelly 20mm Down size with [illegible]Reinforcement including form [illegible]ing,including cost of alll materials, [illegible]hire charges of machinery, loading, unloading, [illegible] and lift,transportation etc ,complete.As per	Sqm	315.00	2379.45	749525.23	0.00	0.00	2379.45	0.00	0.00	2379.45	0.00	0.00	0.00	0.00	7495

Sl. No.	Description of Work	Unit	Qty as per ScheduleB			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total		Difference		Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings	
1	2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19	20
10	Providing and fixing pre cast solid cement concrete kerb stones made out of CC M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc .complete.	nos	1306.67	519.57	678901.16	0.00	0.00	519.57	0.00	0.00	519.57	0.00	0.00	0.00	0.00	678901.16	
11	Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces (V-III, P.No.56, 1No.8.10 of PW, PWD SR 2021-22)	Sqm	1866.67	87.97	164216.17	0.00	0.00	87.97	0.00	0.00	87.97	0.00	0.00	0.00	0.00	164216.17	
12	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with injection moulded polycarbonate material, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, maximum light intensity should be between 60 degrees to 70 degrees. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection- Min 5KV along with Over voltage/ Overload, short circuit/ miss-wiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz applicaton. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with W System Power consumption. LED Efficiency>130lm/w, nominal CRI >75. Luminaire manufacturer should have in house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. Housing with supplier word mark /name shall be	Nos	50.00	7410.53	370526.73	381.00	63.00	7410.53	466863.68	318.00	7410.53	2356550.01	381.00	2823413.69	2452886.96	0.00	

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			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings	
1	2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19	20
13	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate material, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, maximum light intensity should be between 60 degrees to 70 degrees. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection- Min 5KV along with Over voltage/ Overload, short circuit/ miss-wiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/IEC 60598, LM 79 & LM 80. Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with W System Power consumption. LED Efficiency>130lm/w, nominal CRI >75. Luminaire manufacturer should have in house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. Housing with supplier word mark /name shall be	Nos	50.00	9521.92	476096.05	50.00	50.00	9521.92	476096.05	0.00	9521.92	0.00	50.00	476096.05	0.00	0.00	

14	output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, maximum light intensity should be between 60 degrees to 70 degrees. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection-Mm 5KV along with Over voltage/ Overload, short circuit/ miss-wiring protection. Compatible for pole mouting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with W System Power consumption. LED Efficiency>130lm/w, nominal CRI >75. Luminaire manufacturer should have in house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. Housing with supplier word mark /name shall be	Nos	242.00	12730.39	3080755.46	242.00	242.00	12730.39	3080755.46	0.00	12730.39	0.00	242.00	3080755.46	0.00	0.00
15	Supplying and Fixing of mm dia class A GI pipe bracket up to 2 Mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluorescent tube street light fitting of all capacities to GI or CI or rail or RCC pole / wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires Using 32mm dia G I Pipe	Nos	100.00	864.22	86422.13	431.00	125.00	864.22	108027.66	306.00	864.22	264451.71	431.00	372479.37	286057.25	0.00

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			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings	
1	2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19	20
16	Fabricating, supplying and erecting swaged tubular pole of height ...Mtr having three sections, and providing two coats of red oxide paint and finished with two coats of enamelled paint of approved quality and colour and M.S. base plate of suitable size welded at the bottom of the pole(as per IS) and 40mm dia GI / flexible PVC pipe of 1 mtr length fitted to the heavy gauge polycarbonate control box including 5way connector of size 167x125x82mm for 7.5M pole/200x160x98mm for remaining length of pole with front opening cover, with locking arrangements and suitable capacity MCB / DP switch, The pole shall be erected in cement concrete work (1:2:4) including excavation and refilling of planting depth of the pole to the ground level and the coping CC shall be up to 0.6M above ground level as per IS 2713 - 7.Erection of heavy duty pole on Footpath / median 9Mt (5Mt Hb,165.1mm dia 4.85mm thick x2M Hm, 139.7mm dia 4.50mm thick x 2M Hb,114.3mm dia 3.65mm thick) as per IS 410 SP 32	Nos	21.00	17305.06	363406.23	21.00	21.00	17305.06	363406.23	0.00	17305.06	0.00	21.00	363406.23	0.00	0.00	
17	Supplying and fixing telescopic M.S. bracket fabricated by using 0.5m length 4" dia telescopic M. S. pipe, with 2" dia 1.5m long M. S. bracket and are welded with suitable angle, using 6mm thick M. S. sheet, grip bolts & nuts, as required, suitable for 9 to 12 Mtrs. M. S. tubular pole, with necessary two coats of painting, with all other accessories.Single bracket 1.5 Mtr. Length	Nos	4.00	1241.99	4967.96	21.00	5.00	1241.99	6209.95	16.00	1241.99	19871.84	21.00	26081.78	21113.82	0.00	
18	Supplying and fixing telescopic M.S. bracket fabricated by using 0.5m length 4" dia telescopic M. S. pipe, with 2" dia 1.5m long M. S. bracket and are welded with suitable angle, using 6mm thick M. S. sheet, grip bolts & nuts, as required, suitable for 9 to 12 Mtrs. M. S. tubular pole, with necessary two coats of painting, with all other accessories.Double bracket 2x1.5 Mtr. Length	Nos	17.00	2030.65	34521.04	0.00	0.00	2030.65	0.00	0.00	2030.65	0.00	0.00	0.00	0.00	34521.04	
19	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 3.5 core 25 sqmm	Mtrs	4000.00	186.30	745185.94	3035.00	3035.00	186.30	565409.83	0.00	186.30	0.00	3035.00	565409.83	0.00	179776.11	

20	resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 3.5 core 35 sqmm	Mtrs	500.00	232.88	116437.77	500.00	500.00	232.88	116437.77	0.00	232.88	0.00	500.00	116437.77	0.00	0.00	
21	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required In existing trench/duct. 25 sqmm to 75 sqmm	Mtrs	4500.00	16.04	72175.35	3535.00	3535.00	16.04	56697.74	0.00	16.04	0.00	3535.00	56697.74	0.00	15477.60	
22	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc .complete (As per Civil SR KSRB 1-2, P-7)In soil (ordinary)	Mtrs	2800.00	78.66	220239.55	2490.00	2490.00	78.66	195855.89	0.00	78.66	0.00	2490.00	195855.89	0.00	24383.66	
23	Supplying and drawing Flexible Multicore Cable manufactured with electrolytic grade flexible copper with low conductor confirming to IS:8130-1984 and (Virgin) PVC insulation sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 3C X 1.5Sq mm	Mtrs	1750.00	56.92	99610.16	2420.00	2187.50	56.92	124512.70	232.50	56.92	13233.92	2420.00	137746.62	38136.46	0.00	
24	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV 40mm	Mtrs	60.00	346.73	20803.53	60.00	60.00	346.73	20803.53	0.00	346.73	0.00	60.00	20803.53	0.00	0.00	
25	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.35Sqmm	nos	12.00	362.25	4347.02	12.00	12.00	362.25	4347.02	0.00	362.25	0.00	12.00	4347.02	0.00	0.00	
26	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.25 sqmm Long Barrel	nos	664.00	20.70	13746.00	1162.00	830.00	20.70	17182.49	332.00	20.70	6873.00	1162.00	24055.49	10309.50	0.00	

1	2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19	20
28	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc.,and painted with 2 coats of red oxide and then two coats of approved paint.40x40x6mm	Mtrs	48.00	263.92	12668.08	48.00	48.00	263.92	12668.08	0.00	263.92	0.00	48.00	12668.08	0.00	0.00	
29	Fabricating supplying and mounting MS box made out SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 7tanks treatment with powder coated paint and finally finished with approved colour etc., complete16SWG	Sqmm	210000.00	0.36	76596.66	210000.00	210000.00	0.36	76596.66	0.00	0.36	0.00	210000.00	76596.66	0.00	0.00	
30	Supplying and fixing Moulded Case Circuit Breaker (MCCB)over the existing wood/panel board using necessary screws,bolts, nuts, necessary phase separators, handle and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics)100Amps 25kA.	nos	6.00	6623.95	39743.67	6.00	6.00	6623.95	39743.67	0.00	6623.95	0.00	6.00	39743.67	0.00	0.00	
31	Fixing halogen/metal halide / SVL / IL / LED floodlight fitting over existing pole / wall ceiling including clamps, bolts, nuts and wiring using suitable capacity wires.	Nos	342.00	181.12	61943.39	342.00	342.00	181.12	61943.39	0.00	181.12	0.00	342.00	61943.39	0.00	0.00	
32	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required.25x3mm Copper strip	Mtrs	30.00	522.67	15680.13	30.00	30.00	522.67	15680.13	0.00	522.67	0.00	30.00	15680.13	0.00	0.00	
	Supplying & fixing of retrofit type - LED bulb.....W with OPAL acrylic diffuser comprising of LED source with CCT 6500 degree K, CRI> 70%. efficacy >80 lumen per watt,life> 25000 burning hours and Compliance to IS 10322/IEC 60598, LM 79 & LM 80. The LED are driven by HF electronic driver integrated in the system, with PF > 0.95, power loss should < 5% of lamp wattage., short circuit &																

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			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings	
1	2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19	20
34	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers 63Amps	Nos	18.00	234.95	4229.02	18.00	18.00	234.95	4229.02	0.00	234.95	0.00	18.00	4229.02	0.00	0.00	
35	Supplying and fixing of Spiral Earth Electrodes as per standard technical specification as per ESCOM	Each	83.00	507.77	42144.57	83.00	83.00	507.77	42144.57	0.00	507.77	0.00	83.00	42144.57	0.00	0.00	
36	Erection of steel supports 9.0 to 10.00 mtr long such as 22.68 kg (50 lbs) Rail, 27.22 kg (60 Lbs) Rail I Beam of sizes 200x100mm, 175x90 mm, 125x100 mm. Fabricates poles tubular poles in pits of 1.8 mtr Depth, Aligning, Refilling with soil and ramming as approved drawing. (Releasing of LED Lights=90% of erction Charges Rs334x90%=300.6)	Each	100.00	311.12	31111.85	100.00	100.00	311.12	31111.85	0.00	311.12	0.00	100.00	31111.85	0.00	0.00	
37	Fixing halogen/metal halide / SVL / IL / LED floodlight fitting over existing pole / wall ceiling including clamps, bolts, nuts and wiring using suitable capacity wires. (Releasing of LED Lights=90% of erction Charges Rs 175x90%=157.50)	Each	100.00	162.49	16248.94	100.00	100.00	162.49	16248.94	0.00	162.49	0.00	100.00	16248.94	0.00	0.00	
38	Hiring of 35 tons capacity Crane for releasing and refixing of High Mast	Hour	100.00	567.18	56718.00	100.00	100.00	567.18	56718.00	0.00	567.18	0.00	100.00	56718.00	0.00	0.00	
39	Remotely control and and monitorable smart street light system by using web or mobile application .smart control system has hardware ruggedness over field issues like line cross, line short, lighting and any other irregularities in voltage. It has some features like 1.Remote lighting management 2.Precise lighting turnoff 3.Load ballancing 4.Load power regulation 5.Status tracking. It works on the basis of some of these features 1) Main Control Unit (Mother board) : Handles controlling , data handling and other communication process. 2) Communication unit: GSM/GPRS quad band with RS232 interface wireless communication unit 3) Gate Driver Unit: Firing angle controllable board for driving the thyristor 4) Switching Thyristor: SCR 110 AMPS dual thyristor modules for switching 5) Embedded Firmware: Firmware to control , handle , process the data and communicate it wirelessly 6) Metal Enclosure : IP66 weather prof metal enclosure 7) Transformers: Customized step down transformers for various purposes 8) Wiring and other device assembly components.	Nos	6.00	71186.71	427120.25	6.00	6.00	71186.71	427120.25	0.00	71186.71	0.00	6.00	427120.25	0.00	0.00	

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			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings	
1	2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19	20
40	Remotely control and and monitorable smart street light system by using web or mobile application .smart control system has hardware ruggedness over field issues like line cross, line short, lighting and any other irregularities in Voltage. It has some features like 1.Remote lighting management.2.Precise lighting turnoff.3.Load ballancing.4.Load power regulation.5.Status tracking. It works on the basis of some of these features 1) Main Control Unit (Mother board) : Handles controlling , data handling and other communication process 2) Communication unit: GSM/GPRS quad bandwith RS232 interface wireless communication unit 3) Gate Driver Unit: Firing angle controllable board for driving the thyristor 4) Switching Thyristor: SCR 110 AMPS dual thyristor modules for switching 5) Embedded Firmware: Firmware to control , handle , process the data and communicate it wirelessly 6) Metal Enclosure : IP66 weather prof metal enclosure.7) Transformers: Customized step down transformers for various purposes.8) Wiring and other device assembly components.	Nos	100.00	30842.74	3084274.43	50.00	50.00	30842.74	1542137.22	0.00	30842.74	0.00	50.00	1542137.22	0.00	1542137.22	
41	Fabricating, Supplying and erection of decorative bent type Tusker Conical Street light pole with hot dip Galvanized with BSEN 10025 grade S 355 J0 Steel plate for shaft, IS 2062 for base plate with door opening arrangements, including suitable boards, Bakelite sheet for MCBs as per IS Specifications suitable to with stand the wind speed. The total height of the pole 9 mtrs. The pole should have 2 nos of pole esthetically bent either side. The dimensions of the pole bottom 178 mm,at 9 mtrs height 70 mm 3mm thick and one number of 3 mtr height and 139.7 mm dia perforated pole having colour changing LED Fixture, inside as suitable to the Drawing and picture. The base plate size of 350mm x 350mm x 18 mm for poles and a common baseplate of 900x320x20 mm and the pole shall be galvanized with not less than 65 micron etc and finally finished with paint as required with two different colour. (Without foundation). As per the enclosed Drawing ,pictures and IS standards complete set includes template & 6-nos 24 mm x750mm anchor bolts.	nos	83.00	120705.88	10018587.78	83.00	83.00	120705.88	10018587.78	0.00	120705.88	0.00	83.00	10018587.78	0.00	0.00	

1	2	3	Qty 7	Rates 8	Amount 9	10	Qty. 11	Rates 12	Amount 13	Qty. 14	Rates 15	Amount 16	Qty 10	Amount 17	Excess 18	Savings 19	20
42	Laying of UG Cables by trenchless technology by adopting horizontal boring & Drawing of cable including preparation at site With HDPE Pipe i) Normal soil 5/6" bore size	Mtrs	150.00	877.68	131651.62	150.00	150.00	877.68	131651.62	0.00	877.68	0.00	150.00	131651.62	0.00	0.00	
					2294284.51				**1887411802**			**2660980.48**		**21535098.49**	**2854081.80**	**4266267.82**	
	EIRL																
E1	Aerial Bunched Cable (ABC) 1.1 kV, LT Aerial Bunched Cable, XLPE insulation confirming to IS-14255: 1995 3x25 + 1x25 + 1x16 Sqmm Street light (Insulated Messenger cum Neutral) (P No-13, I No-B 42.07, Bescom SR, 2021-22)	Km								1.00	205395.75	205395.75	1.00	205395.75	205395.75	0.00	
E2	LABOUR for Aerial Bunched Conductor & Accessories Stringing of 1.1 kV grade Aerial Bunched 3 Core cable of XLPE insulation of size (3x95) (Phase Conductor) + (1x70) (Insulated Messenger Neutral) + (1x25) (Street Light Control) (P No-10, I No-B 34.04, Bescom SR 2021-22)	Km								1.00	26743.37	26743.37	1.00	26743.37	26743.37	1.00	
E3	Supply of Suspension Clamp suitable for insulated Messenger wire of size 25 to 95 Sqmm (P No-13, I No-43.01, Bescom SR 2021-22)	Nos								25.00	188.37	4709.25	25.00	4709.25	4709.25	2.00	
E4	Piercing Connector Suitable for 16 Sqmm - 95 Sqmm AB Cable - Street Light Connection (P No-I, I No-43.12, Bescom SR 2021-22)	Nos								42.00	154.22	6477.03	42.00	6477.03	6477.03	3.00	
E5	Dead End Clamp/Anchor Clamp Assembly 25 to 95 Sqmm Bare Messenger(Exclusive of Pole Clamp and Eye Hook) (P No-13, I No-43.16, Bescom SR 2021-22)	Nos								4.00	151.11	604.44	4.00	604.44	604.44	4.00	
E6	Erection of Suspension Clamp - 25 to 95 Sqmm bare messenger (P No-13, I No-34.06, Bescom SR 2021-22)	Nos								25.00	70.38	1759.50	25.00	1759.50	1759.50	5.00	
E7	Installation of Insulation piercing connector for Main to Street Light Main : 16-95 Sqmm, Tap 1.5-10 Sqmm (EP95) (P No-13, I No-34.12, Bescom SR 2021-22)	Nos								42.00	301.19	12649.77	42.00	12649.77	12649.77	6.00	
E8	Fixing of Dead End Clamp (P No-13, I No-B 34.02, Bescom SR 2021-22)	Nos								4.00	301.19	1204.74	4.00	1204.74	1204.74	7.00	

Sl No	Description of Work	Unit	Qty as per Schedule'B'			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total		Difference		Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings	
1	2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19	20
E9	Fabricating, Supplying and erection of decorative Zig Zag bent type Street light pole with hot dip Galvanized with BSEN 10025 grade S 355 JO Steel plate for shaft, IS 2062 for base plate with door opening arrangements, including suitable boards, Bakelite sheet for MCBs as per IS Specifications suitable to with stand the wind speed. The total height of the pole 7 mtrs towards road and 5 Mtrs footpath between the pole V shaped MS/any decorativ laser cutting jolly work. The pole should have 2 nos of pole esthetically bent either side. The dimensions of the pole bottom square pipe of 175x175x4mmsx2 Mtrs length and above 2 mtrs a dia of 76.1x3.25mmsx5Mtrs and 3 Mtrs, as suitable to the Drawing and picture. The base plate size of 350mm x 350mm x 16 mm the pole shall be galvanized with not less than 65 micron etc and finally finished with PU paint as required with two different colour (With out foundation). As per the enclosed Drawing ,pictures and IS standards compleet set includes templat 4 nos M20 x750mm anchor bolts.(DATA RATE)	Nos								6.00	92891.25	557347.50	6.00	557347.50	557347.50	0.00	
	Sub Total				**22947284.51**				**18874118.02**			**3477871.82**		**22351989.84**	**3670973.15**	**4266303.82**	
	Miscellaneous & Rounding off													**595294.67**	**595294.67**		
	Total				**22947284.51**									**22947284.51**	**4266267.82**	**4266303.82**	

1	SANCTIONED ESTIMATE COST	25000000.00
2	SANCTIONED TENDER COST	22947284.51
3	WORK SLIP AMOUNT	2854081.80
4	% OF WORK SLIP COMP TO SANCTIONED TENDER COST	12.44
5	EBL AMOUNT	816891.35
6	% OF EBL COMP TO SANCTIONED TENDER COST	3.56
7	EXCESS AMT TO AGREEMENT COST	0.00
8	% OF EXCESS AMT COMP TO SANCTIONED TENDER COST	0.00

Assistant Engineer (EE)
Yelahanka Division

Assistant Executive Engineer (EE)
Yelahanka Division

Executive Engineer (EE)
Yelahanka Division